

Form PTO-1449 (Modified)

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
600-1-087CIP2ISerial No.  
08/485,943**INFORMATION DISCLOSURE STATEMENT**Applicant  
Jeffrey Friedman et alFiling Date  
June 7, 1995Group  
1636

(Use several sheets if necessary)

**U.S. PATENT DOCUMENTS**

*Examiner Initials		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
Jur	A25	5,073,627	12/17/91	Curtis et al.	530	351	
	A26	5,116,964	05/26/92	Capon et al.	536	27	
	A27	5,225,538	07/06/93	Capon et al.	530	387.3	
	A28	5,359,034	10/25/94	Skelly et al.	530	351	
	A29	5,428,130	06/27/95	Capon et al.	530	350	
	A30	5,447,851	09/05/95	Beutler et al.	435	69.7	
	A31	5,455,165	10/03/95	Capon et al.	435	64.7	
	A32	5,480,981	01/02/96	Goodwin et al.	536	23.5	
	A33	5,514,582	05/07/96	Capon et al.	435	252.3	
	A34	5,574,018	11/12/96	Habberfield et al.	514	21	
	A35	5,670,625	09/23/97	Lyman et al.	530	387.3	
	A36	5,714,147	02/03/98	Capon et al.	424	178.1	
	A37	5,719,266	02/17/98	DiMarchi et al.	530	350	
	A38	5,739,277	4/14/98	Presta et al.	530	326	
	A39	5,756,461	05/26/98	Stephens, T.W.	514	12	
✓ JVF	A40	5,827,734	10/27/98	Weigle et al.	435	325	
AR	A41	5,512,457	4/30/96	Lyman et al.	435	69.5	
AR	A42	5,098,833	3/24/92	Lasky et al.	435	69.1	

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## FOREIGN PATENT DOCUMENTS

*Examiner Initials		Document Number	Publication Date	Country	Class	Subclass	Translation	
							Yes	No
dx	B78	AU-B-51978/96	03/05/98	AU			✓	
	B79	EP 0 401 384	12/12/90	EP				
	B80	WO 83/04053	11/24/83	WIPO				
	B81	WO 89/10932	11/16/89	WIPO				
	B82	WO 94/20069	09/15/94	WIPO				
	B83	WO 95/21629	08/17/95	WIPO				
	B84	WO 96/03141	02/08/96	WIPO				
	B85	WO 96/04388	02/15/96	WIPO				
	B86	WO 96/05309	02/22/96	WIPO				
	B87	WO 96/11953	04/25/96	WIPO				
	B88	WO 96/18412	06/20/96	WIPO				
	B89	WO 96/29989	10/03/96	WIPO				
dx	B90	WO 97/24137	07/10/97	WIPO				

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dx	C1	Altman, S.W. et al., "Expression and Purification of a Synthetic Human Obese Gene Product," <i>Protein Expression and Purification</i> , 6:722-726 (1995).
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808	C2	Angier, N., "Researchers Link Obesity In Humans To Flaw In A Gene," <i>The New York Times</i> reported on December 1, 1994.
	C3	Barinaga, " 'Obese' Protein Slims Mice", <i>Science</i> , 269:475-476 (July, 1995).
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	C8	Campfield, L.A. <i>et al.</i> , "Strategies and Potential Molecular Targets for Obesity Treatment," <i>Science</i> , 280:1383-1387 (May, 1998).
	C9	Capon, D.J. <i>et al.</i> , "Designing CD4 immunoadhesins for AIDS therapy," <i>Nature</i> , 337:525-531 (February, 1989).
	C10	Chen, H. <i>et al.</i> , "Evidence That the Diabetes Gene Encodes the Leptin Receptor: Identification of a Mutation in the Leptin Receptor Gene in <i>db/db</i> Mice," <i>Cell</i> , 84:491-495 (February, 1996).
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	C12	Coleman, D.L. <i>et al.</i> , "The Influence of Genetic Background on the Expression of the Obese ( <i>Ob</i> ) Gene in the Mouse," <i>Diabetologia</i> , 9:287-293 (1973).
	C13	Comuzzie, A.G. <i>et al.</i> , "The Search for Human Obesity Genes," <i>Science</i> , 280:1374-1377 (May, 1998).
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	C18	Ellison, J.W. <i>et al.</i> , "The nucleotide sequence of a human immunoglobulin C $\gamma_1$ gene," <i>Nucleic Acids Research</i> , 10(13):4071-4079 (1982).
	C19	Enerbäck, S. <i>et al.</i> , "Mice lacking mitochondrial uncoupling protein are cold-sensitive but not obese," <i>Nature</i> , 387:90-93 (May, 1997).
	C20	Evans, D.J. <i>et al.</i> , "Relationship of Body Fat Topography to Insulin Sensitivity and Metabolic Profiles in Premenopausal Women," <i>Metabolism</i> , 33(1):68-75 (January, 1984).
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	C23	Flam, "Obesity Gene Discovery May Help Solve Weighty Problem," <i>Science</i> , 266:1477-1478 (December, 1994).
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✓	C25	Frederich, R. <i>et al.</i> , "Nutritional Regulation of <i>ob</i> Gene mRNA in White Adipose Tissue," <i>The Endocrine Society, Programs &amp; Abstracts</i> , 77th Meeting, June 14-17, 1995, Washington, D.C., p.173 (ABSTRACT OR25-3)

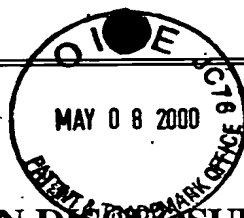
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	C29	GenBank Accession No. 726297, obesity protein, Deposited by Chehab <i>et al.</i> , March 21, 1995.
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	C34	Gura, T., "Uncoupling Proteins Provide New Clue to Obesity's Causes," <i>Science</i> , 280:1369-1370 (May, 1998).
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gjf	C39	Helm, L. (Times Staff Writer), "Gene Found That May Lead To Obesity," <i>The Times Mirror Company, Los Angeles Times, part A, page 1, col. 3</i> (December 1, 1994).
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	C54	Jeanrenaud, B., "An hypothesis on the aetiology of obesity: dysfunction of the central nervous system as a primary cause," <i>Diabetologia</i> , 28:502-513 (1985).
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	C62	Kletzien, R.F. <i>et al.</i> , "Adipocyte Fatty Acid-Binding Protein: Regulation of Gene Expression <i>In Vivo</i> and <i>In Vitro</i> by an Insulin-Sensitizing Agent," <i>Molecular Pharmacology</i> , 42:558-562 (1992).
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	C78	Moinat, M. et al., "Modulation of <i>obese</i> gene expression in rat brown and white adipose tissues," <i>FEBS Letters</i> , 373:131-134 (1995).
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	C82	Ogawa, et al., "Region-Specificities of the <i>Obese</i> (ob) Gene Expression in Adipose Tissue in Mice and Altered Gene Expression in C57BL/6J ob/ob Mice," <i>The Endocrine Society, Programs and Abstracts</i> , 77th Annual Meeting, June 14-17, 1995, Washington, D.C., p.175 (ABSTRACT P1-249).
	C83	Olefsky, J.M., "Weighing in on the Lean Genes," <i>Journal of Clinical Investigations</i> , 95:2427-2428 (June, 1995).
JH	C84	Palmiter, R.D. et al., "Metallothionein-Human GH Fusion Genes Stimulate Growth of Mice," <i>Science</i> , 222:809-814 (November, 1983).

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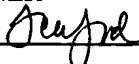
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
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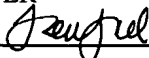
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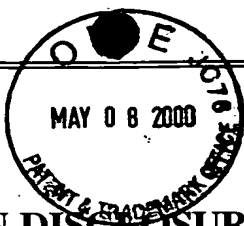


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